

What is claimed is:

1. An information communication terminal with a TV telephone function, comprising:

a display data generating section which
5 generates first display data in a general use mode in
which a TV telephone function is not used;

a TV telephone processing section which
generates second display data in a TV telephone use
mode in which the TV telephone function is used;

10 a display unit which displays inputted display
data;

a first switch provided among said display data
generating section, said TV telephone processing
section and said display unit; and

15 a control section which controls said first
switch to connect said display data generating section
and said display unit in said general use mode such
that said first display data is supplied to said
display unit and to connect said TV telephone
processing section and said display unit in said TV
20 telephone use mode such that said second display data
is supplied to said display unit.

2. The information communication terminal with the
25 TV telephone function according to claim 1, further
comprising:

a power source; and

a second switch provided between said TV telephone processing section and said power source,

wherein said control section controls said second switch to disconnect said power source from 5 said TV telephone processing section in said general use mode and to connect said power source from said TV telephone processing section in said TV telephone use mode.

10 3. The information communication terminal with the TV telephone function according to claim 1, wherein said TV telephone processing section comprises:

a first memory;

a first input circuit connected to said display 15 data generating section, wherein said first input circuit receives said first display data from said display data generating section, carries out a first converting process to said first display data to generate converted display data, and to store in said 20 first memory;

a motion picture CODEC circuit which receives compressed motion picture data from a counter end, expands said received compressed motion picture data into expanded motion picture display data, and stores 25 in said first memory;

a camera;

a second input circuit connected to said

camera, wherein said second input circuit receives motion picture display data from said camera, carries out a second converting process to said motion picture display data to generate converted motion picture display data, and to store in said first memory; and

5 a combining circuit which reads out said converted display data, said expanded motion picture display data and said converted motion picture display data from said first memory to combine or synthesize

10 into said second display data, and outputs said second display data to said first switch.

4. The information communication terminal with the TV telephone function according to claim 3, wherein

15 said motion picture CODEC circuit reads out said converted motion picture display data from said first memory, and compresses said converted motion picture display data into transmission motion picture data, and

20 said information communication terminal further comprises:

a communication circuit which transmits said transmission motion picture data to said counter end.

25 5. The information communication terminal with the TV telephone function according to claim 3, wherein said display unit has a third input circuit which

receives said first display data as said inputted display data,

said first input circuit achieves a same function as that of said third input circuit.

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6. The information communication terminal with the TV telephone function according to claim 3, wherein said TV telephone processing section further comprises:

10 a second memory,

wherein said motion picture CODEC circuit stores said expanded motion picture display data in said second memory in response to a first instruction from said control section, and

15 said second input circuit stores said converted motion picture display data in said second memory in response to a first instruction from said control section.

20 7. A switching method between a mobile phone function and a TV telephone function, comprising:

(a) generating first display data in a mobile phone function mode;

25 (b) generating second display data by using a TV telephone function in a TV telephone function mode;

(c) connecting said first display data to a display unit in said general use mode such that said

first display data is displayed on said display unit;
and

(d) connecting said second display data to said
display unit in said TV telephone function mode such
5 that said second display data is displayed on said
display unit.

8. The switching method according to claim 7,
further comprising:

10 (e) supplying electric power for said TV
telephone function in said TV telephone function mode;
and

(f) stopping the supply of the electric power
in said mobile phone function mode.

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9. The switching method according to claim 7,
wherein said (b) generating comprises:

carrying out a first converting process to said
first display data to generate converted display data,
20 and to store in a first memory;

expanding compressed motion picture data
received from a counter end into expanded motion
picture display data, and storing in said first
memory;

25 carrying out a second converting process to
motion picture display data taken by a camera to
generate converted motion picture display data, and to

store in said first memory; and
reading out said converted display data, said
expanded motion picture display data and said
converted motion picture display data from said first
5 memory to combine or synthesize into said second
display data.

10. The switching method according to claim 9,
further comprising:

10 reading out said converted motion picture
display data from said first memory, and compressing
said converted motion picture display data into
transmission motion picture data; and
transmitting said transmission motion picture
15 data to said counter end.

11. The switching method according to claim 9,
wherein said expanding comprises:

storing said expanded motion picture display
20 data in a second memory, and
said carrying out a second converting process
comprises:

storing said converted motion picture display
data in said second memory.